

Form PTO-1449 (Modified)	Atty. Docket No. 29498/30004A	Serial No. 10/764,901
INFORMATION DISCLOSURE STATEMENT	Applicant(s) Michael D. Hillman et al.	
	Filing Date January 26, 2004	Art Unit Not Yet Assigned



U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Issue or Publication Date	Name	Class	Subclass	Filing Date (If Appropriate)
BJ	13,251	07/17/1955	Bixler	156	17	
BJ	322,732	07/21/1885	Lang	156	17	
BJ	350,429	10/05/1886	Griswold	242	378	
BJ	842,401	01/29/1907	Goodell	156	17	
BJ	927,090	07/06/1909	Anderson	156	17	
BJ	948,239	02/01/1910	McManus	156	17	
BJ	1,636,601	07/19/1927	Givens	156	17	
BJ	1,669,255	05/08/1928	Landry	160	292	
BJ	1,721,501	07/23/1929	McKee	156	17	
BJ	1,731,124	10/08/1929	Carper	156	17	
BJ	1,789,655	01/20/1931	Iwata	156	17	
BJ	1,863,620	06/21/1932	Carouso	242	377	
BJ	1,951,659	03/20/1934	Kesner	156	17	
BJ	2,037,393	04/14/1936	Roberts	156	17	
BJ	2,049,518	08/04/1936	Schier	156	16	
BJ	2,175,549	10/10/1939	Nardulli et al.	156	17	
BJ	2,250,106	07/22/1941	Lorentzen	156	17	
BJ	2,260,101	10/21/1941	De Falco	156	16	
BJ	2,266,160	12/16/1941	Burns	156	17	
BJ	2,276,716	03/17/1942	Cardona	156	17	
BJ	2,324,536	07/20/1943	Pratt	160	172	
BJ	2,325,992	08/03/1943	Wirthman	160	29	
BJ	2,350,094	05/30/1944	Butts	160	114	
BJ	2,410,549	11/05/1946	Olson	160	34	
BJ	2,420,301	05/13/1947	Cusumano	160	34	

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BJ	2,509,033	05/23/1950	Carver	160	84	
BJ	2,520,629	08/29/1950	Esposito	160	171	
BJ	2,535,751	12/26/1950	Nardulli	160	170	
BJ	2,598,887	06/03/1952	Burns	160	170	
BJ	2,609,193	09/02/1952	Foster	267	156	
BJ	2,687,769	08/31/1954	Gershuny	160	170	
BJ	2,824,608	02/25/1958	Etten	160	170	
BJ	2,874,612	02/24/1959	Luboshez	88	60	
BJ	3,141,497	07/21/1964	Griesser	160	170	
BJ	3,194,343	07/13/1965	Sindlinger	185	10	
BJ	3,308,247	03/07/1967	Doersam et al.	191	12.2R	
BJ	3,358,612	12/19/1967	Bleuer	640	64	
BJ	3,371,700	03/05/1968	Romano	160	84	
BJ	3,485,285	12/23/1969	Anderle	160	168	
BJ	3,487,875	01/06/1970	Shukat et al.	160	84	
BJ	3,756,585	09/04/1973	Mihalcheon	267	156	
BJ	3,817,309	06/18/1974	Takazawa	160	84	
BJ	4,055,038	10/25/1977	Conklin, Jr.	57	11	
BJ	4,157,108	06/05/1979	Donofrio	160	263	
BJ	4,205,816	06/03/1980	Yu	248	266	
BJ	4,223,714	09/23/1980	Weinreich et al.	160	309	
BJ	4,326,577	04/27/1982	Tse	160	259	
BJ	4,344,474	08/17/1982	Berman	160	121 R	
BJ	4,398,585	08/16/1983	Marlow	160	23 R	
BJ	4,487,243	12/11/1984	Debs	160	168 R	

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Examiner Initials	Document Number	Issue or Publication Date	Name	Class	Subclass	Filing Date (If Appropriate)
BJ	4,574,864	03/11/1986	Tse	160	259	
BJ	4,610,292	09/09/1986	Hausmann et al.	160	120	
BJ	4,623,012	11/18/1986	Rude et al.	160	243	
BJ	4,625,786	12/02/1986	Carter et al.	160	84 R	
BJ	4,631,217	12/23/1986	Anderson	428	118	
BJ	4,647,488	03/03/1987	Schnebly et al.	428	116	
BJ	4,726,410	02/23/1988	Fresh	160	84 R	
BJ	4,852,627	08/01/1989	Peterson et al.	160	84.1	
BJ	4,856,574	08/15/1989	Minami et al.	160	168.1	
BJ	4,862,941	09/05/1989	Colson	160	84.1	
BJ	4,877,075	10/31/1989	Markowitz	160	84.1	
BJ	4,880,045	11/14/1989	Stahler	160	84.1	
BJ	4,886,102	12/12/1989	Debs	160	177	
BJ	4,955,421	09/11/1990	Torti	160	243	
BJ	4,984,617	01/15/1991	Corey	160	84.1	
BJ	5,054,162	10/08/1991	Rogers	16	198	
BJ	5,067,541	11/26/1991	Coslett	160	84.1	
BJ	5,083,598	01/28/1992	Schon	160	84.1	
BJ	5,103,888	04/14/1992	Nakamura	160	171	
BJ	5,105,867	04/21/1992	Coslett	160	84.1	
BJ	5,133,399	07/28/1992	Hiller et al.	160	171	
BJ	5,141,041	08/25/1992	Katz et al.	160	84.1	
BJ	5,157,808	10/27/1992	Stern, Jr.	16	197	
BJ	5,170,830	12/15/1992	Coslett	160	84.1	
BJ	5,176,192	01/05/1993	Judkins et al.	160	84.1	

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Examiner Initials	Document Number	Issue or Publication Date	Name	Class	Subclass	Filing Date (If Appropriate)
BJ	5,184,660	02/09/1993	Jelic	160	171	
BJ	5,228,491	07/20/1993	Rude et al.	160	171	
BJ	5,274,357	12/28/1993	Riordan	340	550	
BJ	5,313,998	05/24/1994	Colson et al.	160	84.10	
BJ	5,318,090	06/07/1994	Chen	160	171	
BJ	5,320,154	06/14/1994	Colson et al.	160	121.1	
BJ	5,363,898	11/15/1994	Sprague	160	98	
BJ	5,391,967	02/21/1995	Domel et al.	318	254	
BJ	5,413,161	05/09/1995	Corazzini	160	7	
BJ	5,482,100	01/09/1996	Kuhar	160	170	
BJ	5,485,875	01/23/1996	Genova	160	168.1	
BJ	5,531,257	07/02/1996	Kuhar	160	168.1	
BJ	5,706,876	01/13/1998	Lysyj	160	84.05	
BJ	5,855,235	01/05/1999	Colson et al.	160	121.1	
BJ	6,003,584	12/21/1999	Weinreich	160	191	
BJ	6,012,506	01/11/2000	Wang et al.	160	170	
BJ	6,024,154	02/15/2000	Wang et al.	160	170	
BJ	6,029,734	02/29/2000	Wang et al.	160	170 R	
BJ	6,056,036	05/02/2000	Todd et al.	150	84.05	
BJ	6,056,036	05/02/2000	Todd et al.	160	84.05	
BJ	6,079,471	06/27/2000	Kuhar	160	170 R	
BJ	6,095,222	08/01/2000	Voss	160	84.05	
BJ	6,097,471	06/27/2000	Buhr et al.	355	38	
BJ	6,135,189	10/24/2000	Weinreich	160	191	
BJ	6,149,094	11/21/2000	Martin et al.	242	373	

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BJ	6,234,236	05/22/2001	Kuhar	160	170	
BJ	6,289,965	09/18/2001	Ruggles	160	170	
BJ	6,330,899	12/18/2001	Ciuca et al.	160	170	
BJ	6,474,394	11/05/2002	Kuhar	160	170	
BJ	6,412,537	07/02/2002	Voss et al.	160	84.05	
BJ	6,491,084	12/10/2002	Voss et al.	160	84.05	
BJ	6,571,853	06/03/2003	Ciuca et al.	160	192	
BJ	6,601,635	08/05/2003	Ciuca et al.	160	170	
BJ	6,644,373	11/11/2003	Palmer	160	168.1R	
BJ	6,644,375	11/11/2003	Palmer	160	84.04	
BJ	6,675,861	01/13/2004	Palmer	160	170	
BJ	6,684,930	02/03/2004	Palmer	160	170	
BJ	6,725,897	04/27/2004	Palmer	160	168.1R	
BJ	2003/0024656	02/06/2003	Ciuca	160	170	
BJ	2003/0094247	05/22/2003	Voss et al.	160	84.05	
BJ	2003/0111191	06/19/2003	Ciuca	160	170	
BJ	2003/0196765	10/23/2003	Ciuca et al.	160	170	

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Publication Date	Country	Translation	
				Yes	No
BJ	EP 1 039 092	09/27/2000	EP		X
BJ	FR 883 709	07/13/1943	FR		X
BJ	FR 2 337 809	08/05/1977	FR	Abstract	
BJ	DE 40 03 218 A1	08/14/1991	Germany		X
BJ	13,798	07/01/1893	United Kingdom		
BJ	2 262 324 A	06/16/1993	United Kingdom		

OTHER DOCUMENTS

BJ	"The Theory and Design of Long-Deflection Constant-Force Spring Elements", by F.A. Votta Jr., Lansdale, PA (12 pages)
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